**DOCKET NO.:** MSFT-2929/303466.01
**Application No.:** 10/772,902
**Office Action Dated:** 12/17/2007

**PATENT**
**REPLY FILED UNDER EXPEDITED**
**PROCEDURE PURSUANT TO**
**37 CFR § 1.116**

This listing of claims will replace all prior versions, and listings, of claims in the application.

**Listing of Claims:**

1.      (Currently Amended)  A computer system for integrating a tool into a design environment comprising:

a processor with a dynamic property descriptor associated with a custom build rule object, the dynamic property descriptor storing information associated with a property of the custom build rule object, the property of the custom build rule object associated with at least one value, wherein said property comprises a command line switch ; and

a generic property store for storing the at least one value for the property of the custom build rule object;

the tool generating an executable command line comprising the name of the tool to be executed and one or more properties associated with the tool .


2.      (Previously presented)  The computer system of claim 1, further comprising a content handler, the content handler receiving a tool file, the tool file comprising at least one custom build rule and generating from the at least one custom build rule the custom build rule object.


3.      (Previously presented)  The computer system of claim 2, wherein the tool file is associated with a schema.


4.      (Previously presented)  The computer system of claim 2, wherein the tool file comprises an XML file.


5.      (Previously presented)  The computer system of claim 4, wherein the XML file is associated with an XML schema.


6.      (Previously presented)  The computer system of claim 5, wherein the XML file is validated against the XML schema.

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7.      (Previously presented)  The computer system of claim 2, further comprising a dialog for adding or modifying the tool file.

8.      (Previously presented)  The computer system of claim 2, further comprising a dialog for adding or modifying the custom build rule.

9.      (Previously presented)  The computer system of claim 2, further comprising a dialog for adding or modifying the property of the custom build rule object.

10.     (Previously presented)  The computer system of claim 2, further comprising a dialog for adding or modifying the at least one value associated with the property of the custom build rule object.

11.     (Previously presented)  The computer system of claim 10, wherein the at least one value comprises a parameter value for the property of the custom build rule object.

12.     (Previously presented)  The computer system of claim 1, wherein the custom build rule object transforms a generalized command line by programmatically replacing a tag with a property value to generate the executable command line.

13.     (Currently Amended)  A method for integrating a build tool into a design environment comprising:
        associating [[a]] at least one dynamic property with a build rule object associated with the build tool, the dynamic property associated with a switch property;
        associating a value with the switch property; and
        transforming a generalized command line comprising the name of the tool and at least one tag into an executable command line by programmatically replacing [[a]] each tag in the generalized command line with [[the]] an associated value.

14.     (Original)  The method of claim 13, further comprising receiving a tool file describing the build tool, the tool file including the generalized command line and a build rule for

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transforming the generalized command line into the executable command line for executing the build tool.

15.      (Original)  The method of claim 14, wherein the tool file is an XML file.

16.      (Original)  The method of claim 15, wherein the XML file is associated with an XML schema and the XML file is validated against the XML schema.

17      (Original)  The method of claim 14, further comprising generating the build rule object from the build rule.

18.      (Original)  The method of claim 17, wherein the build rule object generated from the build rule creates a dynamic property descriptor.

19.      (Original)  The method of claim 13, wherein the value is stored in a generic property store.

20.      (Previously presented)  The method of claim 19, wherein the value is associated with a particular use of a build rule in a project.

21.      (Original)  The method of claim 13, wherein the value is associated with the switch property via a user interface.

22.      (Original)  The method of claim 13, wherein the value is associated with the switch property via a scripting language.

23.      (Original)  The method of claim 15, wherein the XML file is received by a content handler, the content handler generating from the XML file at least one custom build rule object.

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24.     (Currently Amended)  A method for integrating a build tool into a design environment comprising:

receiving a file describing the build tool, the file including a build rule, the build rule comprising a generalized command line <u>further comprising the name of the tool to be executed and at least one property associated with the tool</u> and a rule for transforming the generalized command line into an executable command line for executing the tool;

generating a build rule object from the build rule <u>by adding properties associated with the tool to said build rule object and setting the specified values on the build rule object that is to be output</u>;

associating a dynamic property with the build rule object, the dynamic property associated with a switch property;

associating a value with the switch property; and

transforming the generalized command line <u>comprising the name of the tool and at least one tag</u> into an executable command line by programmatically replacing [[a]] <u>each</u> tag in the generalized command line with [[the]] <u>an associated</u> value of the switch property.


25.     (Previously presented)  A computer-readable storage medium comprising computer-executable instructions for:

receiving a file describing a build tool, the file including a build rule, the build rule comprising a generalized command line <u>comprising the name of the tool and at least one property associated with the tool</u> and a rule for transforming the generalized command line into an executable command line for executing the tool.


26.     (Previously presented)  The computer-readable storage medium of claim 25, further comprising:

generating a build rule object from the build rule.


27.     (Previously presented)  The computer-readable storage medium of claim 26, further comprising:

associating a dynamic property with the build rule object, the dynamic property associated with a switch property;

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associating a value with the switch property; and

transforming the generalized command line into the executable command line by programmatically replacing a tag in the generalized command line with the value of the switch property.